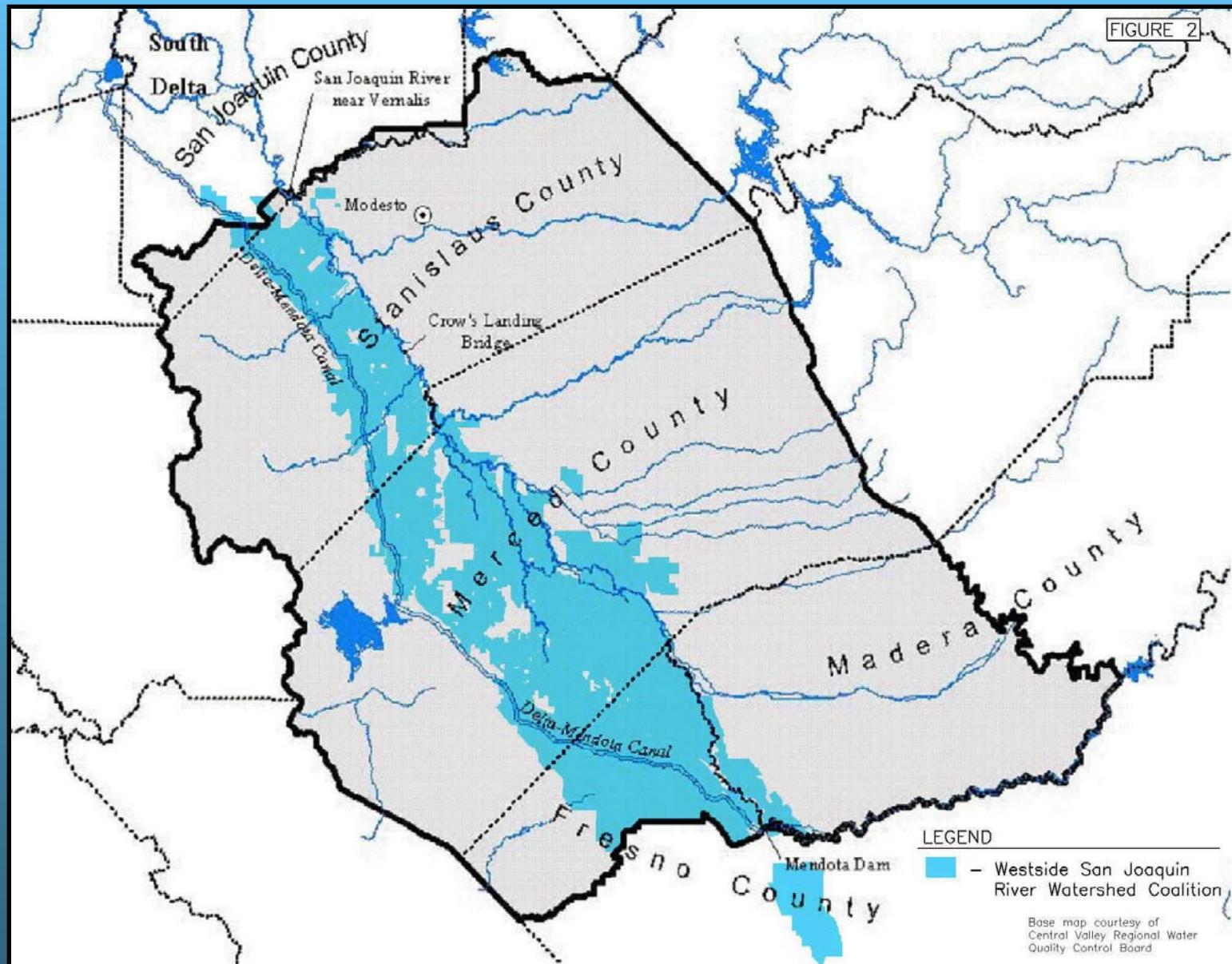


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**Conditional Waiver for Discharges
from Irrigated Lands**

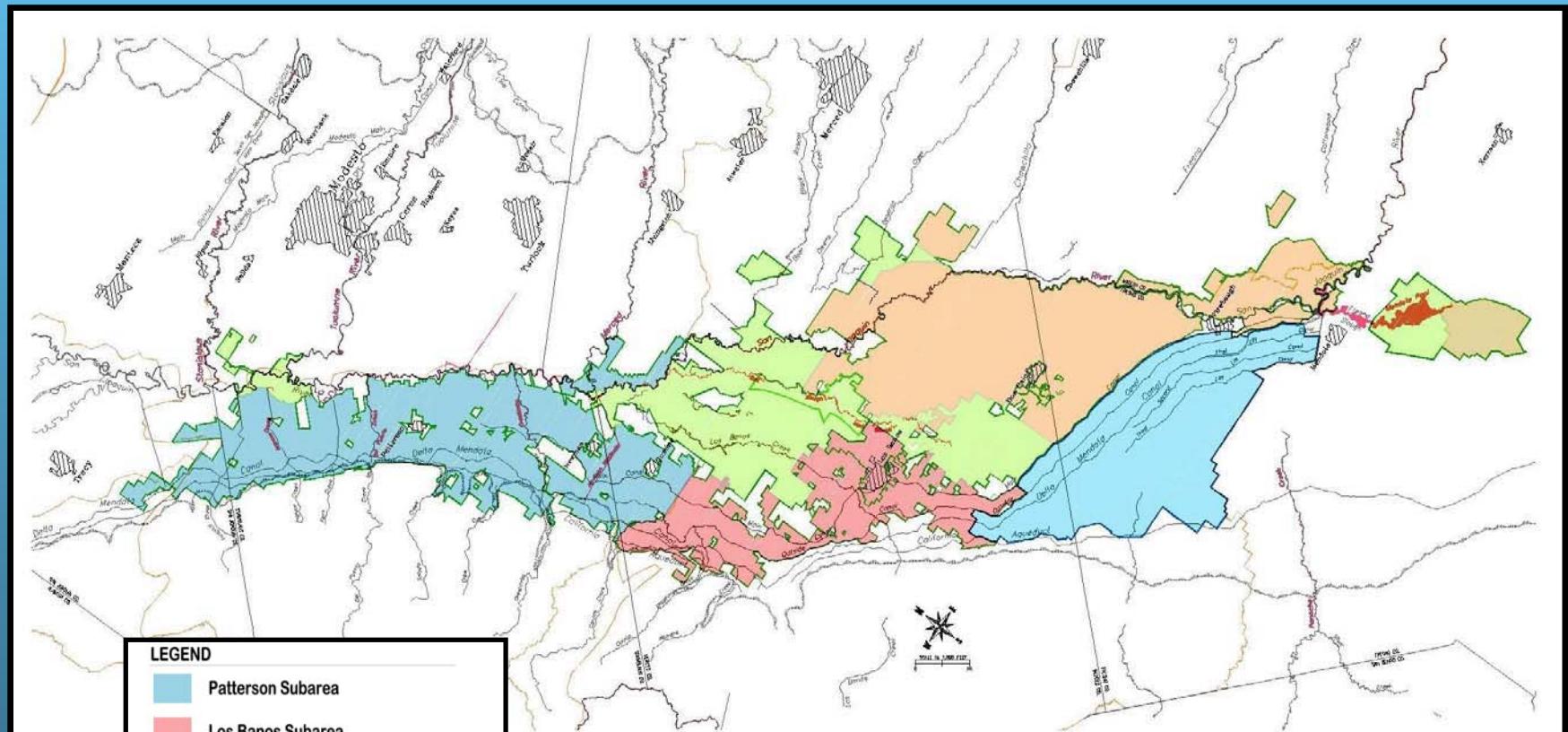
November 2004

Westside San Joaquin River Watershed Coalition



Westside San Joaquin River Watershed Coalition

Watershed Sub-areas



LEGEND

- Patterson Subarea
- Los Banos Subarea
- Dos Palos Subarea
- Grassland Drainage Area Subarea
- Tranquillity Subarea
- Wetland Subarea

Westside San Joaquin River Watershed Coalition

Year 1 Sampling - Westside Coalition

Map Designation	Site Description	Station Type (Relation to SJR) 1/	General Physical	Water Column Toxicity	Additional Winter Water Column Toxicity Testing for Wetland Subarea	Sediment Toxicity	Drinking Water Constituents	Pesticide Sampling 2/
	1	2	3	4	5	6	7	8
1	Hospital Creek at River Road	1°	x	x		x	x	x
2	Ingram Creek at River Road	1°	x	x		x	x	x
3	Westley Wasteway nr Cox Road	1°	x	x		x	x	x
4	Del Puerto Creek nr Cox Road	1°	x	x		x	x	x
5	Del Puerto Creek at Hwy 33	2°	x	x		x	x	x
6	Salado Creek nr Olive Ave	1°	x	x		x	x	x
7	Ramona Lake nr Fig Avenue	1°	x	x		x	x	x
8	Marshall Road Drain nr River Road	1°	x	x			x	x
9	Orestimba Creek at River Road	1°	x	x		x	x	x
10	Orestimba Creek at Highway 33	2°	x	x		x	x	x
11	Newman Wasteway nr Hills Ferry Rd	1°	x	x		x	x	x
12	SJR at Sack Dam	3°, 5°	x					x
13	SJR at Lander Ave	0°	x	x	x	x	x	x
14	Mud Sl upstream of San Luis Drain	1°	x	x	x	x	x	x
15	Salt Sl at Lander Ave	1°	x	x	x	x	x	x
16	Salt Sl at Sand Dam	2°	x	x		x	x	x
17	Los Banos Cr at Hwy 140	1°, 5°	x	x	x	x	x	x
18	Los Banos Cr at China Camp Road	2°, 5°	x	x		x	x	x
19	Turner Slough nr Edminster Road	1°	x	x		x	x	x
	Number of sites	19	18	4	17	18	19	
	Times per year	13	8	4	2	13	8	
	Total	247	144	16	34	234	152	

Westside San Joaquin River Watershed Coalition

Year 1 Sampling - Grassland Water District - Grassland Resource Conservation District

Map Designation	Site Description	Station Type (Relation to SJR) 1/	Selenium and Boron	Continuous Monitoring of Temperature Flow & Salinity
	1	2	3	4
17	Los Banos Cr at Hwy 140	1°, 5°	x	x
20	Mud Slough at Gun Club Road	2°	x	x
21	Fremont Canal	2°	x	x
22	S-Lake Drain	2°	x	x
23	Hollow Tree Drain	2°	x	x
	Number of sites		5	5
	Times per year		12	n/a
	Total		60	n/a

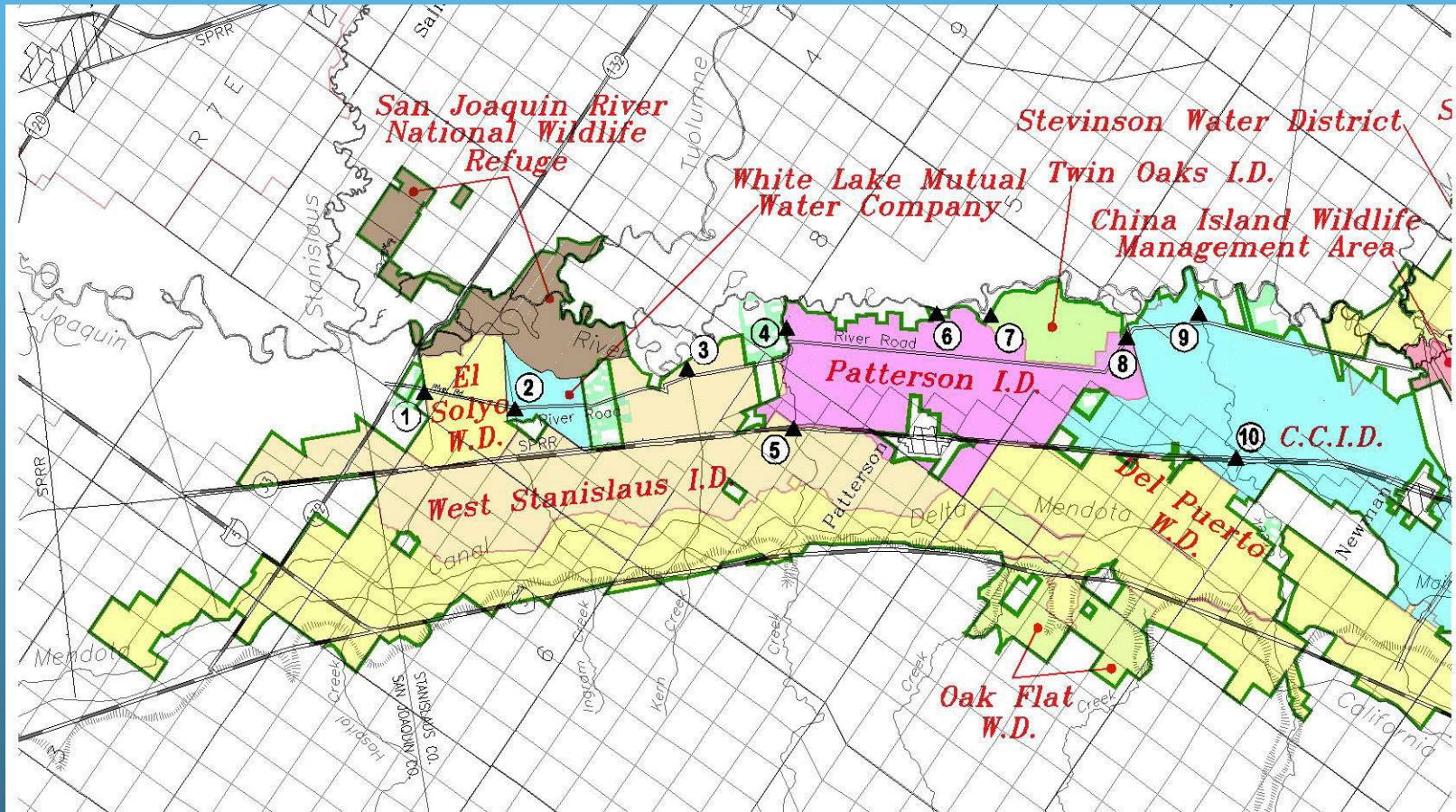
Westside San Joaquin River Watershed Coalition

Year 1 Sampling - U.S. Fish and Wildlife Service

Map Designation	Site Description	Flow	pH	EC	DO	Temp.	Turbidity	Dissolved Solids	Organic Carbon	Nitrogen	Phosphorus	Potassium	Ammonia	Phosphate	Nitrate	Chlorophyl	Boron
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
24	Deadman Slough South	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
25	Deadman Slough at Pumps	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
26	Moffitt 1	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
27	Mallard/Salt Slough	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
28	Chester/So. Outlet	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
29	"C" Canal at Meters	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
30	N-7	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
31	Snow Goose	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
32	Valley Marsh	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
33	Racoon Marsh	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
34	Teal/Sprig Drain	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
35	Santa Fe Canal	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
36	San Luis Canal	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
37	Sand Slough	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
38	North Gadwall	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
39	Traingle Pond	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
40	Zahm's Lake	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	Number of sites														17		
	Times per year														approx. 25		
	Total														425		

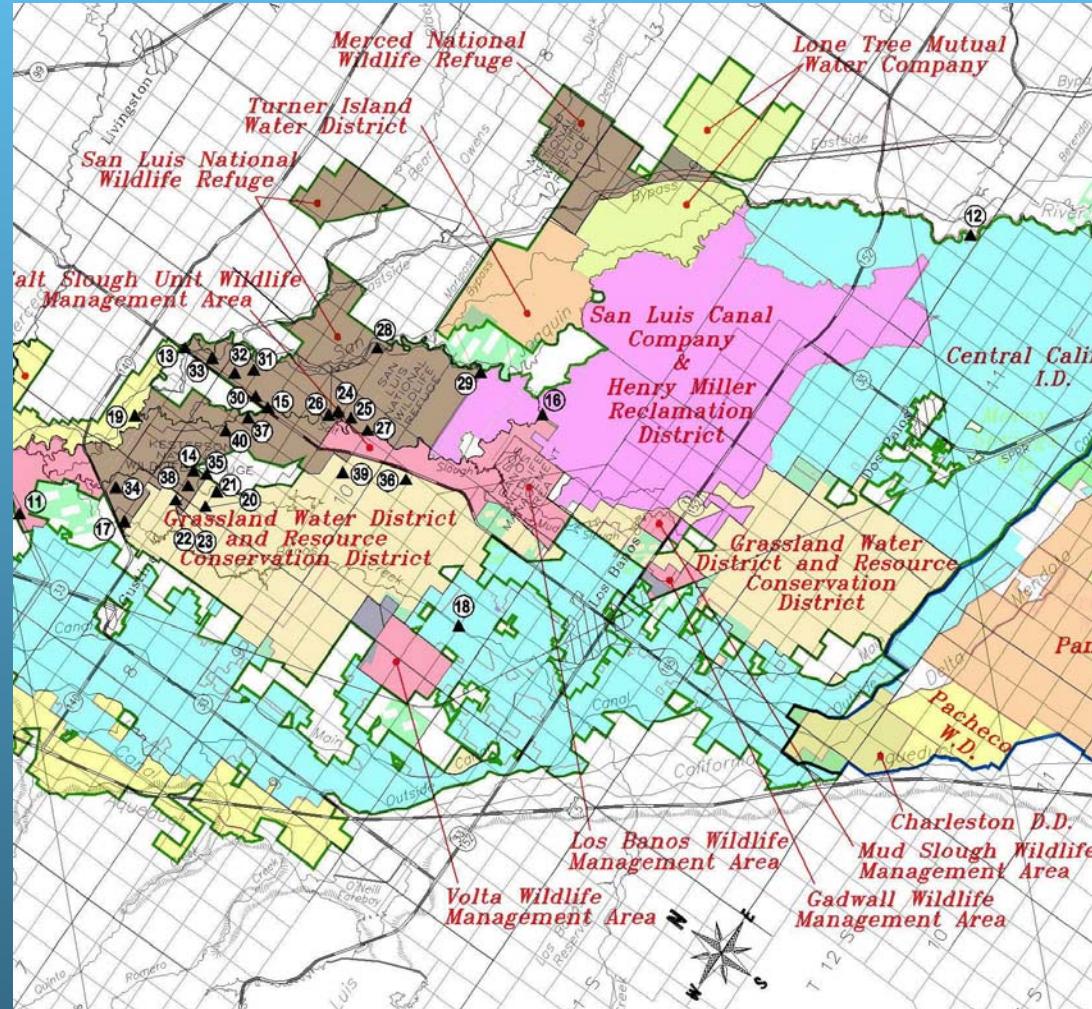
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Monitoring Sites



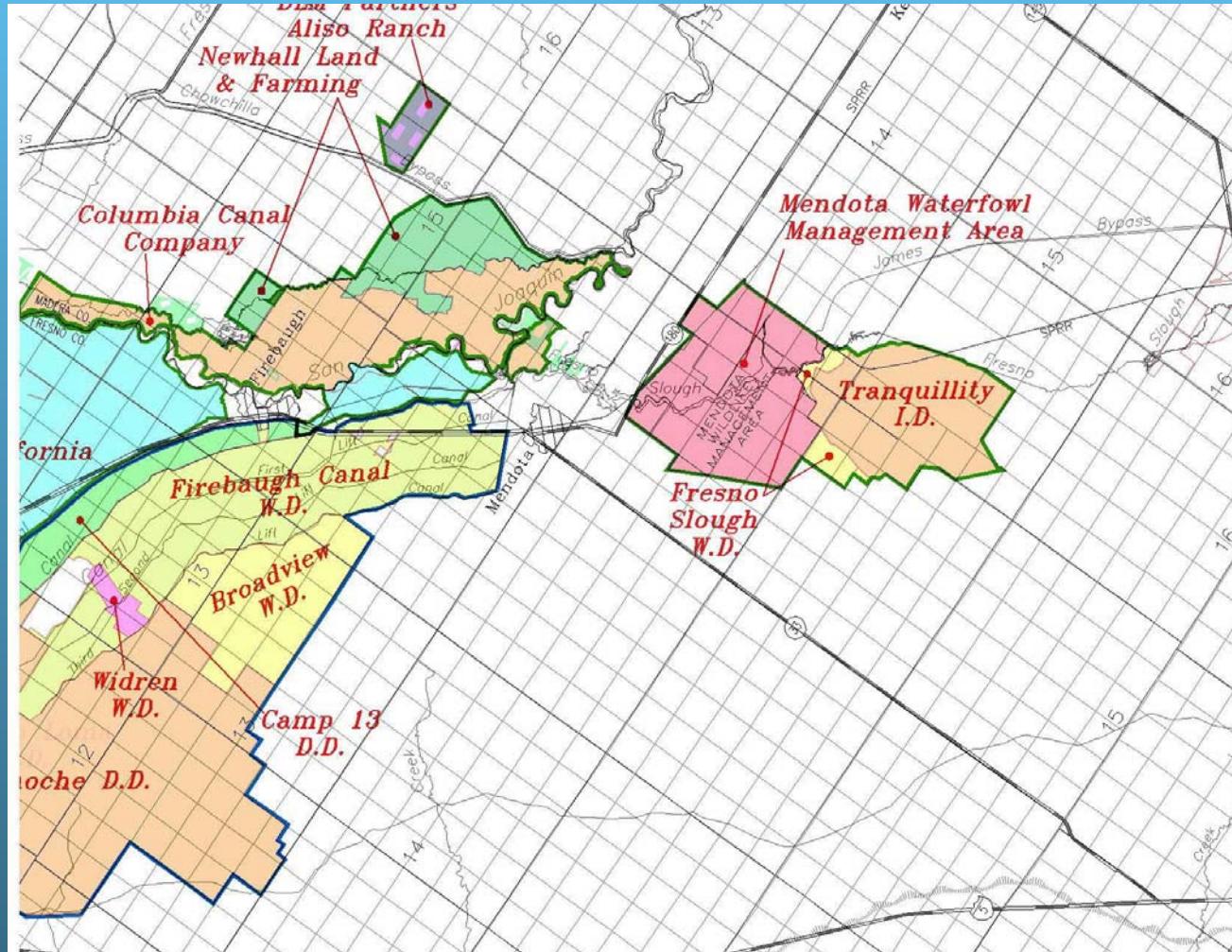
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Monitoring Stations



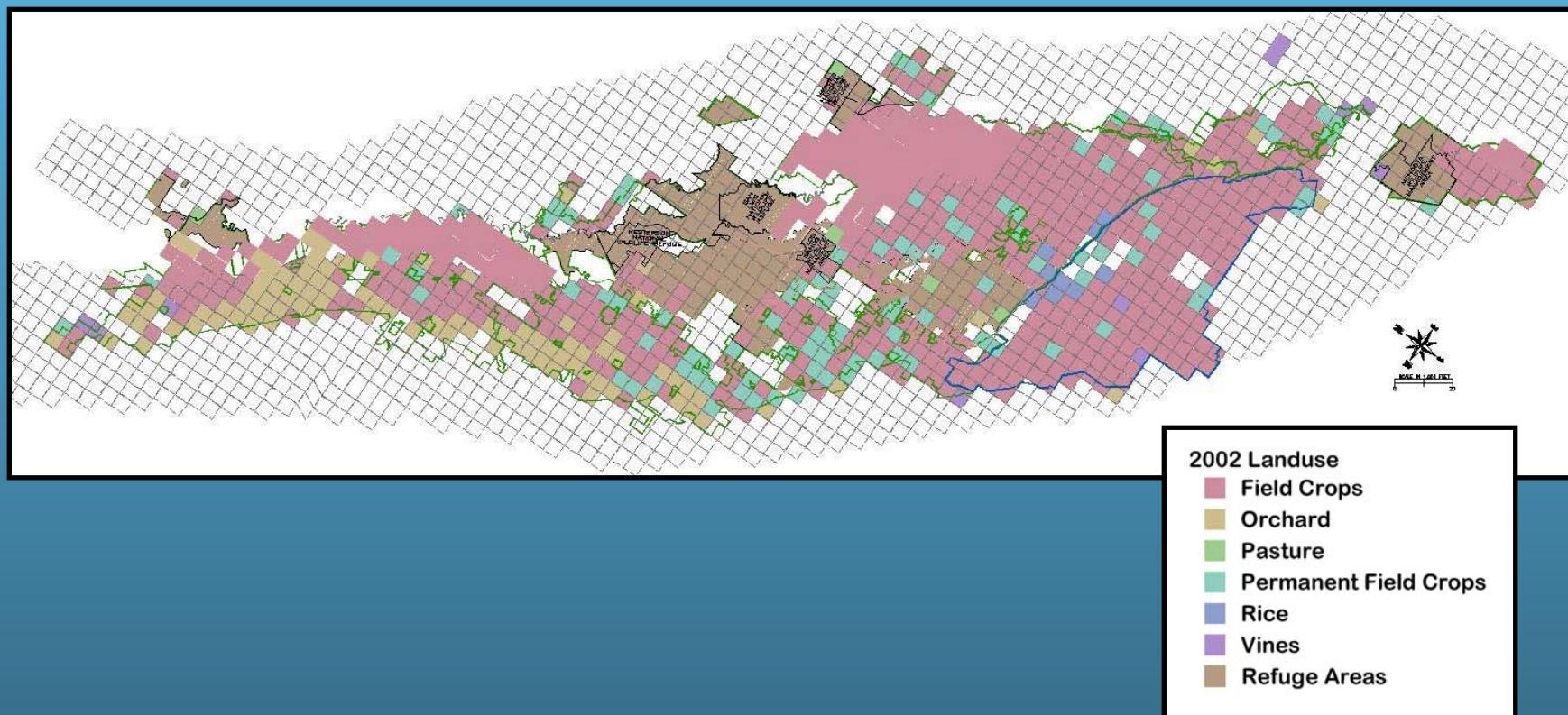
Westside San Joaquin River Watershed Coalition

Monitoring Sites



Westside San Joaquin River Watershed Coalition

Dominant Landuse



Westside San Joaquin River Watershed Coalition

Cropping Pattern

Westside San Joaquin River Watershed Coalition	
2002/2003 Cropping Pattern	
Crop	Planted Acreage
Alfalfa	77,186
Cotton	67,906
Corn	22,189
Almonds	20,794
Cannery Tomatoes	17,673
Oats	12,944
Wheat	12,611
Green Beans	12,568
Fresh Market Tomatoes	11,349
Walnuts	8,852
Pasture	8,761
Native	8,260
Apricots	7,480
Dry Beans	7,240
Melons	6,565
Sugar Beets	6,280
Rice	4,131
Barley	3,226
Grapes	2,649
Broccoli	2,058